

television channel, adding the internet channel, removing the television channel, and removing the internet channel, wherein the at least one scheduled internet channel has at least one event with a scheduled start time and a scheduled end time, and wherein the graphical user interface is further configured to display the scheduled start time and the scheduled end time.

REMARKS

Applicant has reviewed and considered the Office Action mailed on October 22, 2002, and the references cited therewith.

Claims 1, 6, 15, 17, 19, and 20 are amended. Claims 1-9, 11, and 13-20 are now pending in this application. Applicant respectfully requests reconsideration and allowance of all claims in view of the amendments above and the remarks that follow.

§103 Rejection of the Claims

Claims 1-9, 11 and 13-20 were rejected under 35 USC § 103(a) as being unpatentable over Shoff et al. (US 6,240,555) in view of Knee et al. (US 5,589,892).

In order to support a finding of obviousness, the references must teach or suggest all the claim elements. M.P.E.P. § 2142 (citing *In re Vaeck*, 947 F.2d 488, 20 USPQ2d 1438 (Fed.Cir. 1991)).

Independent claim 1 recites: "the at least one scheduled internet channel has at least one event with a scheduled start time and a scheduled end time." The Office Action relied on elements 232-236 of Shoff, Fig. 8c, to describe a scheduled internet channel, but these elements merely describe clothes, posters, collectibles, memorabilia, or toys, which may be ordered by order button 237. *Shoff at column 12, lines 7-23*. Thus, elements 232-236 of Shoff do not teach or suggest a "scheduled internet channel" because elements 232-236 have no scheduled start or end time.

The Office Action further relied on Shoff element 182 in Fig. 7 and column 12, lines 45-46, which recites: "timing requirements for synchronizing the supplemental content with the broadcast video stream." But, synchronizing supplemental content with a broadcast video stream does not teach or suggest that the supplemental content has "a scheduled start time and a

scheduled end time," as recited in claim 1. Further, the Shoff supplemental content does not teach or suggest an event as recited in claim 1.

The Office Action further relied on supplemental content data field 58 in Shoff Fig. 3, such as "http://www.nbc.com/seinfeld.com" for a start time. Applicant respectfully submits that this reliance is misplaced since the supplemental content 58 contains URLs for websites that exist indefinitely and have no "scheduled start time" or "scheduled end time" as recited in claim 1. Although Fig. 3 contains times, such as "9:00PM Thursday," this is the time associated with the broadcast on the "NBC" network of a television show associated with the title "Seinfeld" and is unrelated to the supplemental content 58.

The Office Action argued that the "program boundary" as illustrated in Fig. 7, step 180 of Shoff describes "a program with its start and end points in time to make a boundary for itself." Applicant respectfully disagrees because the Shoff program boundary 210 (Shoff at column 12, line 4 and Fig. 8b) is defined by a "display layout ... within which the program is displayed" (Shoff at column 10, lines 37-39). Further, "[t]he program boundary is sized and shaped according to parameters prescribed in the display layout (Shoff at column 10, lines 39-40). Thus, the Shoff program boundary is unrelated to start and end times but instead is related to a display format.

The Office Action did not rely on Knee for a scheduled internet channel, and Knee does not teach or suggest a scheduled internet channel. Hence, Shoff and Knee do not teach or suggest "the at least one scheduled internet channel has at least one event with a scheduled start time and a scheduled end time," as recited in claim 1.

Further, applicant respectfully submits that the combination of Shoff and Knee does not teach or suggest "the graphical user interface is further configured to display the scheduled start time and the scheduled end time," as recited in claim 1. The Office Action relied on elements 232, 233, 234, 235, and 236 in Fig. 8c of Shoff for Internet channels, which have no displayed scheduled start and end times and do not teach or suggest displayed scheduled start and end times. In addition, the times shown in Fig. 3 of Shoff are unrelated to an Internet channel start and end time, since the supplemental content field 58 contains URLs of websites that exist indefinitely.

Knee does not teach or suggest Internet channels, so Knee also does not teach or suggest " the graphical user interface is further configured to display the scheduled start time and the scheduled end time," as recited in claim 1.

Independent claims 6, 15, 17, 19, and 20 include similar elements as argued above for claim 1 and are patentable over the references for similar reasons. Claims 2-5, 7-9, 11, 13, 14, 16, and 18 are dependent on claims 1, 6, 15, and 17, respectively, and are patentable over the references for the reasons argued above, plus the elements in the claims.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney **Bradley A. Forrest (612-373-6972)** to facilitate prosecution of this application.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/002,944

Filing Date: January 5, 1998

Title: INTEGRATION OF INTERNET SOURCES INTO AN ELECTRONIC PROGRAM DATABASE LIST

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Dkt: 450.208US1

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